

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remain(s) under examination in the application is presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1. (Currently Amended) A method for coordinating telecommunications services provided to a plurality of users, ~~by means of~~ via telecommunications terminals connected to various telecommunications networks, wherein a service mediation server coordinates the processing operations performed by various telecommunications services on behalf of each of the users, ~~including steps wherein~~ the method comprising:

[[~~-~~]] connecting the telecommunications services ~~connect~~ to the service mediation server;  
~~and specify~~ specifying, by the telecommunications services, at least one of the events of  
which [[they]] the services must be notified by the service mediation server, and[[/or]] events  
that [[they]] the services are capable of transmitting to the service mediation server[[,]];

[[~~-~~]] connecting the telecommunications terminals of the users ~~connect~~ to the service  
mediation server; [[and]]

~~transmit~~ transmitting, from the telecommunications terminals to the service mediation  
server, user profiles specifying availability modes, ~~which are~~ stored in a database; [[and,]]

~~activate~~ activating, by the telecommunications terminals, profiles and previously  
specified availability modes; ~~and access~~

accessing, by the telecommunications terminals, the connected telecommunications  
services[[,]];

[[~~-~~]] determining, by the service mediation server, ~~determines~~ a state of connectability of  
each user on the basis of [[the]] an existence of at least one user terminal connected to the server,  
and the user's active availability mode and profile[[,]];

[[ -]] transmitting, from the service mediation server ~~transmits~~ to each connected terminal, [[the]] a state of connectability of users specified in a list of contacts forming part of the active profile of the terminal user[[,]]; and

[[ -]] transmitting ~~the service mediation server transmits~~, for each event received from a service, an event notification from the service mediation server to the connected services having specified that [[they]] the services must be notified of the event.

2. (Currently Amended) [[A]] The method according to claim 1, wherein each availability mode specified by a user includes:

- an availability state capable of having the values of available and not available, in call transfer to a specified call number or an unknown number if the user does not want his/her availability state to be accessible,

- an optional terminal identifier to which an incoming call intended for the user is transferred,

- an event notification [[modet]] mode and

- a list of contacts to which the availability state applies.

3. (Currently Amended) [[A]] The method according to claim 2 wherein each availability mode specified by a user also includes availability rules specifying periods in which the availability mode is active.

4. (Currently Amended) [[A]] The method according to one of claim 1, wherein ~~the~~ the state of connectability of each user ~~connectability state not available or to the service~~ determined by the service mediation server can be in one of the following states:

- connectable if the active availability mode of the user is in the available state and if at least one user terminal is connected to the service mediation server,

- not connectable if no user terminal is connected to the mediation server,

- access to the connectability state subject to ~~authorisation~~ authorization if the user wants his/her connectability state to be provided to other users only with his/her prior ~~authorisation~~ authorization.

- in transfer if the user specified that incoming calls intended for him/her must be transferred to a call number specified in the active availability mode, and

- unknown if the requested user is not registered with the service mediation server or if he/she does not want his/her connectability state to be accessible.

5. (Currently Amended) [[A]] The method according to claim 1, wherein the transmission of event notifications by the service mediation server is carried out upon the request of each connected service.

6. (Currently Amended) [[A]] The method according to claim 1, wherein the transmission of an event notification by the service mediation server is performed upon receipt of the event if the service is connected; otherwise, the event is stored in a log and is notified to the service when the latter connects to the service mediation server.

7. (Currently Amended) A computer server for mediation of telecommunications services provided to a plurality of users, by means of telecommunications terminals connected to various telecommunications networks, including a service coordination module designed to coordinate the processing operations performed by the telecommunications services on behalf of each of the users, comprising:

[[.]] at least one database containing user data [[is]] that are necessary for the service mediation server and the services, said database containing profiles previously specified by the users;

[[.]] an availability server adapted to manage and determine at any time the availability of the users, according to active availability modes and rules, specified by the users and stored in the database[[.]];

[[.]] a service management module designed to receive, from each service, an entry specifying events of which the services are to be notified and/or events transmitted by the service[[.]]; and

[[.]] an event notification module designed to receive and notify the appearance of events to telecommunications services that have requested it,

[[.]] the service coordination module including means for determining a connectability state of each user for each of his/her profiles according to the existence of at least one user terminal connected to the server, and the user's active availability mode and profile, and means for transmitting, to each connected terminal, the connectability state of users specified in a list of contacts forming part of an active profile of the terminal user.

8. (Currently Amended) [[A]] The service mediation server according to claim 7, including an authentication / identification module responsible for identifying and authenticating the users when they access the service mediation server or certain services.

9. (Currently Amended) [[A]] The service mediation server according to claim 7, including an interface module providing access to the service mediation server by means of a telecommunications network, which module is designed to receive processing requests, from services or users, and to retransmit them to a component of the server responsible for performing the requested processing operation, and transmitting, in response to these requests, the responses provided by the components of the server.

10. (Currently Amended) [[A]] The service mediation server according to claim 9, wherein the interface module comprises a plurality of duplicated components so as to ensure fault tolerance.

11. (Currently Amended) [[A]] The service mediation server according to one of claim 7, an access monitor including:

- means for connecting a user terminal to the mediation server and disconnecting it from the server,
- means for connecting a service to the mediation server and disconnecting it from the server,

- means for managing, in real time, the various services activated for the user,
- means for selecting a profile to be activated and an availability mode in the profile to be activated, means for selecting events of which the user wants to be notified of the appearance, and
- means for selecting a terminal to receive an incoming call.

12. (Cancelled)

13. (Currently Amended) A telecommunication server providing telecommunications services to a plurality of users, by means of telecommunications terminals connected to various telecommunications networks, including:

[[ - ]] means for connecting to the service mediation server ~~according to~~ of claim 7,

[[ - ]] means for specifying and transmitting, to the service mediation server, at least one of events of which [[it]] the telecommunications server must be notified by the service mediation server, and[[/or]] events that [[it]] the telecommunications server is capable of transmitting to the service mediation server, and

- means for receiving, from the service mediation server, event notifications coming from other telecommunications services [[and]] having been specified as being required to be notified [[to it]] by the telecommunications server.

14. (Cancelled)

15. (Currently Amended) An information system including a plurality of telecommunications terminals of users connected to various telecommunications networks, a plurality of servers providing telecommunications services on behalf of the users, and [[a]] the service mediation server of claim 7 designed to coordinate the processing operations performed by the telecommunications services, ~~wherein the service mediation servers consistent with one of claim~~  
7.